

## **STERILIZER & AUTOCLAVE**

### **Aim of Course**

To provide an introduction to the concept of sterilization and how autoclaves are used to achieve the desired results. It addresses the subject both from a theoretical perspective but has a strong practical element. The various issues covered range from a brief history and introduction, to a complete discussion regarding design and implementation and then the question of calibration and validation of performance is covered.

The time allocated is such that one day is spent on the introduction, history and design whilst days two and three cover all the calibration issues.

It is envisaged that day three will be practical and will allow those who attend to gain first hand knowledge of how to perform the calibration and validation of an autoclave

### **Course Overview**

Introduction

History of Sterilization

Autoclaving & Types of Sterilizers

Types of Sterilizers continued

Sterilization Process

Instrumentation Requirements

Instrument Accuracy, Pressure Gauges,

Temperature gauges, Temperature Controllers & Recorders

Instrument Calibration Methods and Equipment

Autoclave Monitoring and Validation

Commissioning, Quarterly & Annual Validation

Practical Instrumentation Calibration

Validation of an Autoclave

### **Who should attend**

Anyone who has a direct interest in the use and correct performance of sterilizers and autoclaves.

Attendees are drawn from those who have little knowledge of sterilization but are responsible for the running of an autoclave; to those who understand the basic principles of sterilization but who wish to have a greater understanding of how to ensure that the machines operate in a satisfactory fashion, i.e. Calibration & Validation.

### **Course Duration**

3 Days